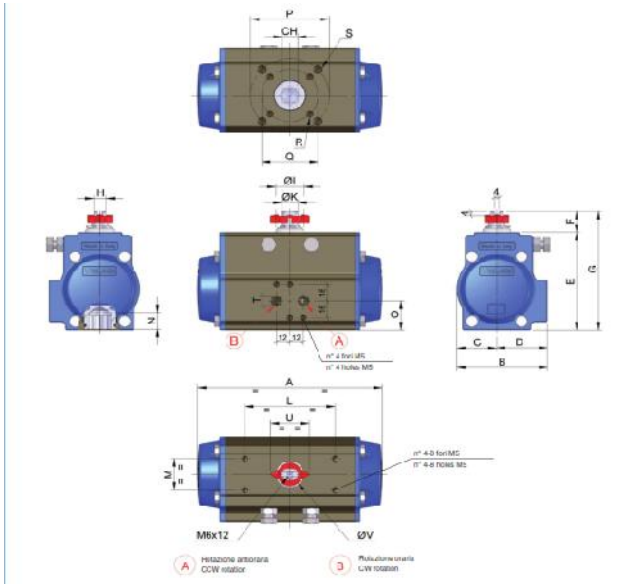
SERIES	ACTUATOR	ATEX
82	75	Ex II 2 G/D c T6



TORQUE chart (Nm)

SR	spring torque		air supply pressure (bar)															
			2.5		3		4		5		5.5		6		7		8	
spring set	ETC	BTC	BTO	ETO	BTO	ETO	BTO	ETO	BTO	ETO	BTO	ETO	BTO	ETO	BTO	ETO	BTO	ETO
01	10,1	19,5	15,8	3,9	22,0	10,1	34,4	22,5	-	-	-	-	-	-	-	-	-	-
02	13,3	25,6	-	-	18,8	4,0	31,2	16,4	43,5	28,7	-	-	-	-	-	-	-	-
03	15,1	28,2	-	-	-	-	29,4	13,8	41,8	26,1	48,0	32,3	54,1	38,5	-	-	-	-
04	18,3	34,3	-	-	-	-	26,2	7,7	38,6	20,0	44,8	26,2	50,9	32,4	63,3	44,8	-	-
05	23,2	43,0	-	-	-	-	-	-	33,6	11,3	39,8	17,5	46,0	23,7	58,3	36,1	70,7	48,4
DA	-		air supply pressure (bar)															
			2.5		3		4		5		5.5		6		7		8	
	-	-	29		35		47,5		60		66		72		84,5		97	

WORKING TIME chart (seconds)

rotation	CCW	CW
DA	0,18	0,15
SR	0,32	0,22

AIR CONSUMPTION chart (1 liter = 1000 cm3)

rotation	CCW	CW
DA	0,36	0,44
SR	0,36	-

WEIGHT chart (Kgs)

DA	2,78
SR	3,39

GENERAL DATA	ISO5211	CH	A	B	C	D	E	F	G	H	I	K	L	M	N	O	P	Q	R	S	T	U	V	slot 1	slot 2
	F05-F07	17	210	94,5	42	52,5	111,1	20	131	13	29	19	80	30	19	35	70	50	M6x8	M8x12	1/8"	42	29	4x4	M6x12

	temperature	-20°C +85°C			DA	SR set 05
	item	description	material	treatment	qty	qty
	1	body	extruded aluminium	hard-anodized	1	1
	2	pinion (anti blow-out design)	steel	nickel plated	1	1
*	3	oring	NBR		1	1
*	4	spacer ring	POM		1	1
*	5	oring	NBR		1	1
*	6	oring	NBR		1	1
	7	cam	stainless steel		1	1
	8	cam spacer ring	POM		1	1
*	9	pinion spacer ring	POM		1	1
	10	washer	stainless steel		1	1
	11	seeger	steel DIN471-UNI-7436	nickel plated	1	1
	12	piston	die casted aluminium		2	2
*	13	oring	NBR		2	2
*	14	antifriction ring	POM		2	2
*	15	thrust block	POM		2	2
	16	stop bolt nut	stainless steel		2	2
	17	stop bolt	stainless steel		2	2
	18	external spring	steel	painted	-	2
	19	central spring	steel	painted	-	-
	20	internal spring	steel	painted	-	2
	21	left side end cap	die casted aluminium	painted	1	1
	22	right side end cap	die casted aluminium	painted	1	1
	23	end caps seat	NBR		2	2
	24	oring	NBR		2	2
	25	end cap fixing screws	stainless steel		8	8
	26	position indicator	thermoplastic rubber TPE		1	1

* parts subject to wear

item 3,5,6,11,13,23,24 are parts included into "set of oring"

item 4,6,8,9,11,14,15 are parts included into "set of guide"

